



COSHH Risk Assessment No:

Deosan Red Label Hypochlorite

Farm: _____ **Section/Area:** Parlour, Dairy

Describe the activity or work process.
(Include how long and how often this is carried out and the quantity of substance used)

Used for external cleaning of parlour and dairy areas.
Can be used for plant sanitisation
Good bactericide for disinfection and prevention of algae growth.
Can also be used for sanitizing plant.

Can be diluted and application via watering can or can be automatically dosed into plant.

Location of process being carried out? Dairy, Parlour

Identify the persons at risk:

Employees (including trainees) Contractors Public (including students)

Name the substance involved in the process and its manufacturer.
(A copy of a current safety data sheet for this substance should be attached to this assessment)

Deosan Red Label Hypochlorite

It is a mixture of stabilized sodium hypochlorite. It appears as a yellow green liquid with a chlorine smell

Classification *(state the category of danger)*

<input type="checkbox"/> Acute toxicity Cat 1-3	<input type="checkbox"/> Serious health hazard	<input checked="" type="checkbox"/> Aquatic Environment
<input type="checkbox"/> Acute toxicity (cat 4)	<input type="checkbox"/> Flammable	<input type="checkbox"/> Explosive
<input checked="" type="checkbox"/> Corrosive	<input type="checkbox"/> Oxidising	<input type="checkbox"/> Gas under pressure

Hazard Type

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other (State) _____

Route of Exposure

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inhalation	Skin	Eyes	Ingestion	Other (State) _____

Workplace Exposure Limits (WELs) *please indicate n/a where not applicable*

Long-term exposure level (8hrTWA): Chlorine – 2mg/m3	Short-term exposure level (15 mins): 3mg/m3
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State the Risks to Health from Identified Hazards

Contact with eyes can cause severe damage.
Skin: Material will cause chemical burns.
Ingestion: Causes severe damage to mucous membranes or deeper tissues.
Inhalation: Dust or concentrated mist may cause damage to the upper respiratory tract

Control Measures: (for example extraction, ventilation, training, supervision). Include special measures for vulnerable groups, such as disabled people and pregnant workers

Engineering controls: - Where possible use automated/closed systems and covered containers. If the product is diluted using specific dosing systems with no risk of splashes or direct skin contact then PPE is not required. Diluted liquid concentration no greater than 10%, PPE in the form of goggles and gloves still required.









Organisational Controls: - Avoid direct splashes, use safe systems of work, cover containers and train staff. Keep away from acids and do not mix with other chemicals as chlorine gas can be released. Will release toxic gases on thermal degradation.

Diluted product – Use good general ventilation of storage and wash areas

Is health surveillance or monitoring required?

Yes No

Personal Protective Equipment (state type and standard)

 <input type="checkbox"/> Dust mask		 <input checked="" type="checkbox"/> Visor	Eye protection goggles or face visor recommended
 <input type="checkbox"/> Respirator		 <input checked="" type="checkbox"/> Goggles	Eye protection goggles or face visor recommended
 <input checked="" type="checkbox"/> Gloves	PVC or rubber gloves recommended	 <input checked="" type="checkbox"/> Overalls	Wear protective coveralls where there is a risk of splashing.
 <input checked="" type="checkbox"/> Footwear	PVC or rubber boots	 <input type="checkbox"/> Other	

First Aid Measures

Eyes:-Immediately flood the eye with plenty of water and Boric Saline solution for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
Skin: - Immediately flood the skin with large quantities of water, preferably under a shower. Continue washing for at least 10 minutes. Remove contaminated clothing as washing proceeds.
Ingestion: - Wash out mouth with water. DO NOT induce vomiting. Seek medical advice immediately and show this document.

Storage

Handling: - Wear recommended personal protective equipment. Ensure thorough ventilation of stores and wash areas. Do not mix with other chemicals.
Storage: - Store in a dry, well ventilated area out of direct sunlight. Store away from sources of heat or ignition and keep away from acids. Will release chlorine gas if mixed with other chemicals.

Disposal of Substances & Contaminated Containers

Hazardous Waste Skip Return to Depot Return to Supplier Other

(If Other Please State): Follow Local Authority Regulations

Is exposure adequately controlled?

Yes No

What further action needs to be taken

Action	By Who	By what date

M Jeal - 29/09/2017

Assessed by:

